

Converting Colors

XYZ(38.5817, 26.4409, 19.1367)

Have a look what the booklet for
XYZ(38.5817, 26.4409, 19.1367)
contains.

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Color

**XYZ(38.4314, 26.3696,
18.9839)**

Conversions

Conversions Part 1

Format	Color
Hex	E06572
RGB	224, 101, 114
RGB Percent	88%, 40%, 45%
CMY	0.1216, 0.6039, 0.5529
CMYK	0.00, 0.55, 0.49, 0.12
HSL	354°, 66%, 64%
HSV	354°, 55%, 88%
XYZ	38.4314, 26.3696, 18.9839
YIQ	139.2590, 69.1350, 30.1190

Conversions

Conversions Part 2

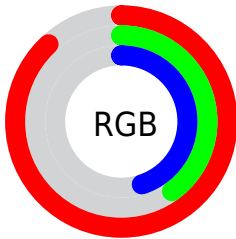
Format	Color
R _Y B	224, 101, 114
Decimal	14706034
CIE Lab	58.39, 49.10, 16.52
CIE LCh	58, 51.806, 18.597
Yxy	26.3696, 0.4587, 0.3147
Android (android.graphics.Color)	4292896114 (0xFFE06572)
YUV	139.2590, -12.4527, 74.3179
Hunter-Lab	51.3513, 43.7248, 14.0272

Details

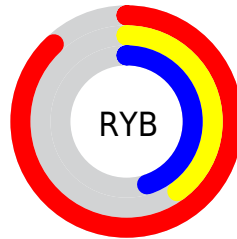
The XYZ color **38.4314, 26.3696, 18.9839** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **43.7819, 60.7817, 71.0567**, and the grayscale version is **24.6692, 25.9539, 28.2638**.

A 20% lighter version of the original color is **59.8443, 47.4559, 42.0822**, and **17.3097, 10.3189, 6.2337** is the 20% darker color. If you saturate the color by 10%, you get **35.5270, 22.1903, 12.9927**, and if you desaturate by 10%, it is **42.1794, 31.8367, 26.4888**.

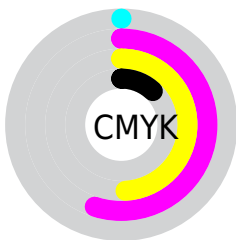
Distribution



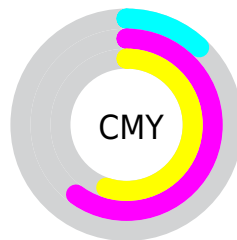
- Red (88%)
- Green (40%)
- Blue (45%)



- Red (88%)
- Yellow (40%)
- Blue (45%)



- Cyan (0%)
- Magenta (55%)
- Yellow (49%)
- Black (12%)




- Cyan (12%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4314, 26.3696, 18.9839 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 38.4314, 26.3696, 18.9839 by changing the saturation by 10% instead.


 38.4314, 26.3696,
18.9839


 38.4314, 26.3696,
18.9839

330.7159,
284.5917, 258.7796


 26.4964, 17.1003,
11.4820

 72.0685, 53.8706,
42.5432


 17.3300, 10.3061,
6.2738


 94.5014, 72.8711,
59.4377

 10.5668, 5.6024,
2.9408


 121.1642, 95.8842,
80.3001

 5.8415, 2.6048,
1.0645

 152.4224,
123.2943, 105.5489

 2.7887, 0.9291,
0.0000

188.6413,
155.4856, 135.6027

 1.0430, 0.0000,
0.0000

230.1863,

 0.0000, 0.0000,

192.8427, 170.8801

0.0000

277.4227,
235.7500, 211.7996

■ 38.4314, 26.3696,
18.9839

■ 38.4314, 26.3696,
18.9839

■ 35.5270, 22.1903,
12.9927

■ 42.1794, 31.8367,
26.4888

■ 33.3984, 19.1893,
8.4105

■ 46.8280, 38.6811,
35.5996

■ 31.9704, 17.2457,
5.1215

■ 52.4312, 46.9891,
46.4027

■ 31.1515, 16.2108,
2.9904

■ 59.0384, 56.8390,
58.9779

■ 30.9017, 15.9118,
2.2885

■ 66.6956, 68.3032,
73.3999

■ 75.4458, 81.4496,
89.7393

■ 84.4275, 94.5381,
107.7620

■ 84.5503, 94.5872,
108.4086

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



38.9585, 26.3696, 36.1548



38.4314, 26.3696, 18.9839



33.9873, 26.3696, 9.7228

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.4314, 26.3696, 18.9839



17.0106, 26.3696, 11.3011



22.7375, 26.3696, 78.1065

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



38.4314, 26.3696, 18.9839



43.7819, 60.7817, 71.0567

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



17.8568, 26.3696, 63.5159



38.4314, 26.3696, 18.9839



14.9410, 26.3696, 22.3679

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



38.4314, 26.3696, 18.9839



21.3853, 26.3696, 6.7491



15.2223, 26.3696, 41.2990



29.1410, 26.3696, 75.9250

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



38.4314, 26.3696, 18.9839



29.7635, 26.3696, 6.9734



15.2223, 26.3696, 41.2990



20.8864, 26.3696, 74.8163

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



38.4321, 26.3710, 18.9844



78.0590, 74.5431, 76.9544



44.5878, 28.3410, 73.6410



16.2976, 15.3430, 15.6930



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.4321, 26.3710, 18.9844



47.1471, 29.0372, 16.3446



43.7038, 38.0153, 17.3481



13.7658, 13.7239, 14.5368



18.0072, 9.2699, 1.4380



1.2683, 0.6506, 0.2057

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38.4321, 26.3710, 18.9844



47.1471, 29.0372, 16.3446



34.5152, 39.5351, 76.3326



13.7658, 13.7239, 14.5368



18.0072, 9.2699, 1.4380



1.2683, 0.6506, 0.2057

Previews

White Background



This preview shows how the XYZ color 38.4314, 26.3696, 18.9839 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 38.4314, 26.3696, 18.9839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.4314, 26.3696, 18.9839

Background



This preview shows how black text looks on a background with the XYZ color 38.4314, 26.3696, 18.9839.



This preview shows how white text looks on a background with the XYZ color 38.4314, 26.3696,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

38.4314, 26.3696, 18.9839

Protanopia

25.3582, 26.4971, 26.3322

Deuteranopia

26.8878, 26.4100, 17.8679



Tritanopia

38.2522, 26.4542, 17.5581

Trichromacy



Original Color

38.4314, 26.3696, 18.9839

Protanomaly

28.7472, 25.4527, 23.4764

Deuteranomaly

30.1471, 25.7308, 18.1295

Tritanomaly

38.3611, 26.4977, 18.1316

Monochromacy



Original Color

38.4314, 26.3696, 18.9839

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

27.9404, 24.8250, 24.4382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4314, 26.3696, 18.9839 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(224, 101, 114)` looks like.

```
.text, #text, p{  
    color:rgb(224, 101, 114)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(224, 101, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 101, 114) }
```

Border

The CSS property to change the border of an element to XYZ 38.4314, 26.3696, 18.9839 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 101, 114) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(224, 101, 114) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(224, 101, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 101, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 101, 114);  
box-shadow:4px 4px 4px 4px rgb(224, 101,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4314, 26.3696, 18.9839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 101, 114) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(224,  
101, 114) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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